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ABSTRACT

This selected bibliography contains references to over 200 articles published in the last decade that clearly indicate the interest in nontraditional options for continuing education in the health professions. The articles found in approximately 100 professional journals both provide general information about options for study and focus on specific methods of delivery. Citations are divided into these seven categories: (1) general; (2) individualized study/self-assessment; (3) visual communication, including television, videotape, teleconference; (4) telephone; (5) computer; (6) library audiovisual services; and (7) other, including audit, circuit courses, study clubs, two-way radio, etc. Each article is cited by author, title, and source. A listing provides full journal titles for those abbreviated in the references. (YLB)

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NONTRADITIONAL OPTIONS FOR CONTINUING EDUCATION IN THE HEALTH PROFESSIONS: A BIBLIOGRAPHY, 1970 - 1980

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No one doubts the importance of continuing professional education; health professionals must maintain and improve their competencies. Moreover, they often need a certain amount of continuing education for maintaining professional affiliations for certification, for licensure, or for promotion.

A central issue in the last decade has been methods of delivering continuing education. Traditional methods, such as workshops, seminars, and lectures at district and regional meetings, remain the typical formats and no one denies the value of these group meetings. Yet educators are realizing that new delivery systems must be investigated to meet the needs of adult learners.

For most people, continuing education comes at a time when education is no longer the primary occupation. As a result, many health professionals prefer instructional formats requiring limited absence from home and work. Furthermore, the current economy makes people more and more reluctant to spend money on travel.

Thus, possibilities for individualized study, for formats that are flexible in time and place, need to be explored. Numerous nontraditional options have been developed in recent years: T.V. (educational, closed and open circuit), single concept films, computer, telephones, telelecture, teleconference, two-way radio, audio cassettes, correspondence, self-assessment, local learning centers.

As with any innovation, there are advantages and disadvantages to nontraditional methods of delivery. The following problems, for example, may arise. Regulatory agencies may view with suspicion programs that are not traditional. Many involved (faculty, administrators, employers) may resist change. The cost to the provider is high. Individualized courses are difficult to grade, and attendance is difficult to confirm.

But there are advantages. Nontraditional offerings often cost less for the person desiring education, since time will not be lost from work and money will not be necessary for travel. Audiovisuals can provide more efficient delivery of health care instructions. Information that cannot be easily delivered through traditional means can be provided to a wider group, particularly to those in isolated areas, and instruction will be more uniform.

The number of articles published in professional journals in the last decade clearly indicates the interest in nontraditional options for continuing education in the health professions. Many provide general information about options for study; others focus on specific methods of delivery. Following is a selected bibliography of sources from a variety of journals published in the last ten years.

Abbreviations

Ala. J. Med. Sci.	Alabama Journal of Medical Sciences
Am. J. Clin. Pathol.	American Journal of Clinical Pathology
Am. J. Hosp. Pharm.	American Journal of Hospital Pharmacy
Am. J. Med. Technol.	American Journal of Medical Technology
Am. J. Nurs.	American Journal of Nursing
Am. J. Occup. Ther.	American Journal of Occupational Therapy
Am. J. Pharm.	American Journal of Pharmacy
Am. J. Psychiatry	American Journal of Psychiatry
Am. J. Roentgenol. Radium. Ther. Nuc. Med.	American Journal of Roentgenology Radium Therapy Nuclear Medicine
Anaesthesia	Anaesthesia
Ann. Allergy	Annals of Allergy
Ann. Intern. Med.	Annals of Internal Medicine
Ann. Ophthalmol.	Annals of Opthalmology
Arch. Surg.	Archives of Surgery
AORN	Association of Operating Room Nurses Journal
A.S.H.A.	Journal of the American Speech and Hearing Association
Aust. Dent. J.	Australian Dental Journal
Br. J. Dermatol.	British Journal of Dermatology
Br. Med. J.	British Medical Journal
Bull. Med Libr. Assoc.	Bulletin of the Medical Library Association
Calif. Med.	California Medicine
Can. Hosp.	Canadian Hospital
Can. Med. Assoc. J.	Canadian Medical Association Journal
Clin. Neurol. Neurosurg.	Clinical Neurology and Neurosurgery
Conn. Med.	Connecticut Medicine
Except. Child.	Exceptional Children
Eye, Ear, Nose, Throat Mon.	Ear, Nose and Throat Journal
Hospitals	Hospitals
Hosp. Community Psychiatry	Hospital and Community Psychiatry
Hosp. Prog.	Hospital Progress

Int. Dent. J.	International Dental Journal
Int. J. Dermatol.	International Journal of Dermatology
Int. Nurs. Rev.	International Nursing Review
J. Allied Health	Journal of Allied Health
J. Amer. Coll. Dent.	Journal of the American College of Dentists
J. Am. Dent Assoc	Journal of the American Dental Association
J. Am. Diet. Assoc	Journal of the American Dietetic Association
JAMA	Journal of the American Medical Association
J. Am. Optom. Assoc.	Journal of the American Optometric Association
J. Am. Pharm. Assoc.	Journal of the American Pharmaceutical Association
J. Am. Vet. Med. Assoc.	Journal of the American Veterinary Medical Association
J. Audiov. Media Med	Journal of Audiovisual Media in Medicine
J. Biocommun	Journal of Biocommunication
J. Can. Dent. Assoc.	Journal of the Canadian Dental Association
J. Commun.	Journal of Communication
J. Dent. Educ.	Journal of Dental Education
J. Fam. Pract.	Journal of Family Practice
J. Indiana State Med. Assoc.	Journal of the Indiana State Medical Association
J. Iowa Med. Soc	Journal of the Iowa Medical Society
J. Kan. Med. Soc.	Journal of the Kansas Medical Society
J. Ky. Med. Assoc.	Journal of the Kentucky Medical Association
J. Maine Med. Assoc	Journal of the Maine Medical Association
J. Med. Assoc. State Ala.	Journal of the Medical Association of Alabama
J. Med. Assoc. Ga.	Journal of the Medical Association of Georgia
J. Med. Educ.	Journal of Medical Education
J. Natl. Med. Assoc.	Journal of the National Medical Association
J. Neurosurg.	Journal of Neurosurgery
J. N.E.	Journal of Nursing Education
J. Oral Surg.	Journal of Oral Surgery
J. R. Coll. Physicians	Journal of the Royal College of Physicians of London
J. S.C. Med. Assoc.	Journal of the South Carolina Medical Association
J. Tenn. Med. Assoc.	Journal of the Tennessee Medical Association
Md. State Med. J.	Maryland State Medical Journal
Med. Biol. Illus.	Medical and Biological Illustration
Medical Care	Medical Care
Med. Educ.	Medical Education
Med. Inf.	Medical Informatics
Med. Instrum	Medical Instrumentation
Med. Prog. Tech.	Medical Progress through Technology
Med. Times	Medical Times
Mich. Med.	Michigan Medicine
Mod. Health Care	Modern Healthcare
Mod. Vet. Pract.	Modern Veterinary Practice
Mt. Sinai Med. J.	Mt. Sinai Journal of Medicine

N. Engl. J. Med.	New England Journal of Medicine
N.S. Med. Bull	Nova Scotia Medical Bulletin
Nurs. Outlook	Nursing Outlook
Nurs. Res.	Nursing Research
Nurs. Times	Nursing Times
N.Y. J. Dent.	New York Journal of Dentistry
Obstet.Gynecol	Obstetrics and Gynecology
Ohio State Med. J.	Ohio State Medical Journal
Pediatrics	Pediatrics
Phys. Ther.	Physical Therapy
PM	Pharmacy Management
Postgrad. Med.	Postgraduate Medicine
Practitioner	Practitioner
QRB	Quality Review Bulletin
Radiology	Radiology
Radiol. Technol.	Radiologic Technology
Scott Med. J.	Scottish Medical Journal
Soc. Sci. Med.	Social Science and Medicine
S. Afr. Med. J.	South African Medical Journal
Spec. Educ. Forward Trends	Special Education: Forward Trends
Surg. Clin. North Am.	Surgical Clinics of North America
Tex. Med.	Texas Medicine
Trans. Amer. Acad. Opthalmol.Otolargngol	Transactions. American Academy of Opthalmology and Otolaryngology
Trans. Assoc. Life Ins. Med. Dir. Am.	Transactions of the Association of Life Insurance Medical Directors of American
Va. Med.	Virginia Medical
West. J. Med.	Western Journal of Medicine

NONTRADITIONAL OPTIONS FOR CONTINUING EDUCATION IN

THE HEALTH PROFESSIONS:

A BIBLIOGRAPHY

JANUARY, 1970 - MAY, 1980

I. General

Apps, Jerold W. Problems In Continuing Education New York: McGraw Hill, 1979.

Baer, D.M. "Stop The Continuing Education Bandwagon: I Want To Get Off To Take A Side Trip." JAMA (June 6, 1977), 237 (23):2518-9.

Barber, W.H., et. al. "Designing an Experientially Bases Continuing Education Program." Am. J. Psychiatry (October, 1973), 130: 1148-50.

Barrows, H.S., et. al. "Preparing Faculty For Innovative Educational Roles." J. Med. Educ. (July, 1976), 51 (7 Pt. 1): 592-4.

Bedwell, R.T., Jr. "Evaluating Outside Educational Programs." Hosp. Prog. (January, 1977), 58 (1): 58-63.

Cobb, W.M. "Continuing Medical Education: Quo vadis - whether goest thou?" J. Natl. Med Assoc. (February, 1977), 69 (2): 81.

Chouinard, J.L. "The Current State of Continuing Medical Education." Can. Med. Assoc. J. (December 4, 1976), 115 (11): 1121.

Christie, R.W. "Need For Experiment In Continuing Education." N. Engl. J. Med. (March 9, 1978), 298 (10): 574-5.

"Continuing Education Completely Equipped To Handle Current, Future Technology of Medical Education." Hospitals (June 16, 1977), 51 (12): 34, 37.

Continuing Education: How Much and What Type?" Mod. Vet. Pract. (December, 1977), 58 (12): 991-4.

Denne, K.T., et. al. "Mass Communications Media In Continuing Education." J. Med. Educ. (September, 1972), 47: 712-6.

Devlin, D.H. "A Method Of Improving Availability and Retention In Continuing Education" J. Oral Surg. (May, 1978), 36 (5): 343.

Erickson, Donald D.L., and Nichols, Marta M., eds. "Learning How To Learn: Know-Why and Know-How Seminar on The Process of Continuing Education." Laramie, Wyoming. (February 12-14, 1970). ED 120526.

Harken, D.W. (Editorial) "Continuing Education: Gutenberg or Electronic Mode?" Med. Instrum. (July-August, 1978), 12 (4): 211, 213.

Hilliard, N.L. "Continuing Education - Is It Necessary?" J. Am. Pharm. Assoc. (April, 1976), 16 (4): 200, 213.

Kampmeier, R.H. "Continuing Education at 'Homebase'." J. Tenn. Med. Assoc. (March, 1970), 63: 246-8.

Kirk, K.W. "The Medium is as Important as the Message." Hospitals (July 16, 1974), 48:67-70.

Klapper, M.S. "Current Trends in Programs and Techniques for Continuing Education in Medicine." Ala. J. Med. Sci. (July, 1972), 9: 327-32.

Knox, Alan B., ed. Assessing The Impact of Continuing Education San Francisco: Jossey Bass, 1979.

Koewing, J.R., et. al. "Six Design Factors for Planning and Evaluating Regional Continuing Education." Phys. Ther. (February, 1978), 58 (2): 168-74.

Kroman, L.M. "Continuing Education In The Non-University Setting." Can. Hosp. (November, 1972), 49: 42-6, passim.

Long, James S., and Boshier, Roger, eds. "Certification, Credentialing, Licensing and the Renewal Process." Proceedings of a Conference Sponsored by Northwest Adult Education Association, Seattle, Washington. (February, 1976), ED 129971.

McCarthy, A.D. "Top Outside Sources For Low-cost Education." Hospitals (January 16, 1979), 53 (2): 123.

Nakamoto, June and Verner, Coolie. "Continuing Education in the Health Professions: A Review of North American Literature, 1960-70." 1973, (Dent. Ed., 109470; Medicine, 109468; Nursing, 109467; Phar., 108469).

Niebel, H.H. "Mixing The Media For Continuing Education." J. Am. Dent. Assoc. (June, 1974), 88: 1316-8.

Portis, B., and Hunter, A.D. "In-Service Training by Mass Media." J. Commun. (Summer, 1975), 25 (3): 167-70.

Richards, R.K. "Past History and Future Trends in Continuing Medical Education." QRB (March, 1978), 4 (3): 8-11.

Rudov, Melvin H., and Skillings, Sally. "Credentialing of Health Care Professionals: Its Costs and Some Alternatives For Health Services Administration." (1975). ED 115998.

Sabatino, F.G. "Continuing Education: Theory and Practice." QRB (March, 1978), 4 (3): 6-7.

Sayre, S.A. "Continuing Education: A Medical School Responsibility?" West.J. Med. (July, 1979), 131 (1): 77-81.

Schechter, Daniel. "Agenda For Continuing Education: A Challenge To Health Care Institutions." (1974). ED 106527.

Sivertson, S.E., et. al. "The Role of Technology in an Evolving Continuing Education Program for Health Professionals." Med. Prog. Technol. (February, 1973), 1: 187-95.

Small, M.D. (Editorial) "The Continuing Education Consortium: A Way To Go." Va. Med. (March, 1976), 103 (3): 189-91.

Sodeman, W.A., Sr. "Continuing Medical Education: Where Are We Headed?" Trans. Assoc. Life Ins. Med. Dir. Am. (1976), 60:27- 39.

Stensland, P.G. "Continuing Professional Education: Strategies for Health Professionals." Soc. Sci. Med. (September, 1977), 11 (11-13): 661-6.

Thomison, J.B. "Continuing Medical Education: The Present State of the Art." J. Tenn. Med. Assoc. (February, 1977), 70 (2): 97-101.

II. Individualized Study/Self-Assessment

Alberts, M.E. (Editorial) "Self-Evaluation Programs." J. Iowa Med. Soc. (October, 1974), 64 (10): 442.

"American College of Dentists Sponsors New Program for Self-Assessment and Continuing Education in Dentistry." J. Amer. Coll. Dent. (October, 1972), 39: 189-90.

Biegert, Lydia E., and Withrow, M. Jean. "A Comparison of The Effectiveness of Individualized and Traditional Instructional Methods For Student Nurses." ED 160824.

Bremner, C.G. "Self Assessment Programmes for Doctors." S. Afr. Med. J. (July, 1973), 47:1217.

Burg, F.D., et. al. "A National Self-Assessment Program in Internal Medicine." Ann. Intern. Med. (January, 1979), 90 (1): 100-7.

Butt, H.R. "Self-Assessment of Medical Knowledge Programs." N. Engl. J. Med. (October 10, 1974), 291 (15): 791-3.

Caplan, R.M. "Continuing Education and Self-Assessment." Int. J. Dermatol. (December, 1975), 14 (10): 766-9.

Carmichael, H.T. "Self-Assessment Tests: The Psychiatric Knowledge And Skills Self-Assessment Program." JAMA (September 7, 1970), 213: 1656-7.

Clayman, L.H. "Education is Self-Education." NY J. Dent. (August-September,1975), 45 (7): 217.

"Continuing Education Through The American College of Dentists Self-Assessment Tests." J. Am. Dent. Assoc. (July, 1975), 91 (1): 43-5.

Daeschner, C.W., et. al. "Continuing Education Through Self-Evaluation." Pediatrics (May, 1970), 45: 729-31.

Forbes, C.D. "Self-Assessment: Who Needs It?" Scott. Med. J. (July, 1979), 24 (3): 185-6.

Giese, Maurine, and Lawler, Michael. "Development and Implementation Of A PSI Course In Human Physiology" J. Allied Health (Fall, 1978), 7 (4): 268-73.

Gottlieb, P.M. "Comments on Self-Assessment Programs." Ann. Allergy (November, 1975), 35 (5): 281-8.

Graham, J.R. "Last Days of PMI." N. Engl. J. Med. (December 14, 1972), 287:1253.

Greist, J.H. "Problem Solving Learning: A Simple Scheme for Self-Education." J. Indiana State Med. Assoc. (June, 1974), 67: 386-8.

Harden, R. Michael, et. al. "Doctors Accept a Challenge: Self-Assessment Exercises in Continuing Medical Education." Br. Med. J. (September 15, 1979), 2 (6191): 652-3.

Harden, R. Michael, et. al. (Letter) "Self-Assessment Tests." Br. Med. J. (June 5, 1976), 1 (6022): 1404.

Harris, Ronald B., et. al. "Self-Paced Instruction in Biometry at The University of Texas, School of Public Health." (1977). ED 140728.

Hargrove, W.R. "Education: Tenth in a Series of Self-Assessment Programs for Medical Labarotory Personnel." Am. J. Med. Technol. (December, 1976), 42 (12): 481-95.

Holcomb, J.D., et. al. "The Development and Extensive Utilization of Self Instructional Materials in Clinical Departments." J. Ky. Med. Assoc. (June, 1972), 70: 476-8.

Hubbard, J.P. "Self-Education and Self-Assessment as a New Method for Continuing Medical Education." Arch. Surg. (September, 1971), 103: 422-4.

Kao, Y.S., et. al. "Comparison of the Conventional Lecture Method and the Self-Instruction Method for Teaching Chemical Pathology." Am. J. Clin. Pathol. (December, 1978), 70 (6): 847-50.

Konhauser, A.H. "A Correspondence Study Program." Hospitals (August, 1970), 44:40-3.

Lee, C.M. "The Open University: Self-Instruction in Professional Education." Nurs. Times (September 9, 1976), 72 (36): 1386-8.

Lego, S. "Continuing Education by Mail." Am. J. Nurs. (May, 1973), 73:840-1.

Lewis, R.S., et. al. "Packaged Programs For Practioners: A Trial in Continuing Education." J. Am. Vet. Med. Assoc. (January 1, 1973), 162:51-4.

Lysaught, Jerome P. "Research on The Use of Programmed Instruction Among Adult Learners in Professional Health Fields." Paper presented at the National Seminar on Adult Education Research, Chicago. (February11-13, 1968), ED 017879.

Mahaley, M.S., et. al. "The Foundation of Excellence is Knowledge: The Role of Self-Assessment in Continuing Education." J. Neurosurg. (February, 1980), 52 (2): 289-90.

Manley, E.J., Jr. "Personalized Self-Instruction (Keller Plan): An Educational Format for Small-Group Courses." J. Med. Educ. (November, 1978), 53 (11): 934-6.

Marson, S.N. "Programmed Instruction: Panacea or Passing Gimmick? A Report on The Introduction of Programmed Instruction into Nurse Training Schools in the Sheffield Region." Int. Nurs. Rev. (1972), 19:126-39.

Matthews, M.B. "Self-Assessment Programmes and Aspects of Audit." J.R. Coll. Physicians Lond. (July, 1979), 13 (3): 139-42.

Melrose, R.J., et. al. "Experience with a Self-Instructional Oral Cancer Course in Continuing Education." J. Dent. Educ. (March, 1976), 40 (3): 150-3.

"The Mini-Self-Assessment Program." J. Am. Coll. Dent. (July, 1975), 42 (3): 132-5.

Morris, R.P. "The Optometric Recognition Award Program: An Option for Self-Assessment." J. Am. Optom. Assoc. (June, 1977). 48 (6): 803-8.

Mosley, V. "Continuing Medical Education: Self-Study and Self-Assessment." J. S.C. Med. Assoc. (May, 1974), 70:174-6.

Mumenthaler, M. and Noack, H. "Programmed Texts: Success or Failure? An Analysis of Medical Students' Opinions." Clin. Neurol. Neurosurg. (1977), 80 (4): 241-50.

Oetting, G.D. Continuing Medical Education by Self-Assessment." J. Med. Assoc. State Ala. (August, 1977), 47 (2): 38-9.

Osment, L.S. "Self-Assessment Program." Int. J. Dermatol. (June, 1978), 18 (5): 380-2.

Pipe, P., et. al. "Approximation In Programmed Self-Instruction for Dentists." J. Dent. Educ. (January, 1971), 35:59-65.

Ragan, C.A., Jr. (Editorial) "Some Reasons for this Self-Assessment Issue." Med. Times (May, 1974), 102:21 passim.

Ramsey, D.L., et. al. "Attitudes Toward Patient Management Problems as a Self-Assessment Technique in Dermatology." J. Med. Educ. (July, 1977), 52 (7): 598-600.

Rogers, J., et. al. "The Use of Latent Image Printing in Problem Solving and Self-Assessment Exercises." J. Audiov. Media Med. (January, 1979), 2 (1): 27-9.

Rosenberg, G., et. al. "Self-Directed Social Workers: Continuing Education in the Health Care Setting." QRB (March, 1978), 4 (3): 27-28.

Rosenow, E.C., Jr. "Medical Knowledge Self-Assessment Program." Md. State Med. J. (December, 1971), 20:69-71.

Rosenow, E.C., Jr. "Self-Assessment of the Physician." J. R. Coll. Physicians (Lond.) (July, 1976), 10 (4): 408-12.

Rubin, M.L. "Continuing Education and Self-Assessment." Arch. Ophthalmol. (Chicago) (April, 1970), 83:393-4.

Second Self-Assessment Tests Prepared." Eye Ear Nose Throat Mon. (September, 1974), 53 (9): 370-1.

"A Self-Assessment and Continuing Education Program for the Practicing Dentist." J. Amer. Coll. Dent. (July, 1972), 39: 146-50.

"The Self-Assessment and Continuing Education Program: Some Comments by Participants." J. Amer. Coll. Dent. (October, 1973), 40: 207.

"Self-Assessment in Family Practice." J. Fam. Pract. (March, 1978), 6 (3): 666-8.

Skovronsky, T., et. al. "Interactional Analysis of Physicians Taking Part in Self-Instructional Study Groups." J. Med. Educ. (December, 1971), 46: 1074-9.

Spivey, B.E. (Editorial). "Individual Credit for Continuing Education Activities." Trans Amer. Acad. Ophthalmol. Otolaryngol. (July-August, 1976), 81 (4pt. 1): 539-41.

Steeves, L.C. "Physician Self-Assessment." NS Med. Bull. (June, 1972), 51:77.

Third Annual Self-Assessment Issue. Med. Times (March, 1976), 104 (3): 25-177.

Tomlinson, D.R. "Independent Learning Packages (Audio tapes, Pamphlets) for a Course in Cell Excitation: Evidence that they can be at Least as Effective as Conventional Lectures." Med. Educ. (July, 1979), 13 (4): 257-62.

Tovel, H.M., et. al. "Clinical Obstetrics Self-Assessment Tests." Obstet. Gynecol. (September, 1972), 40: 438-42.

Walton, R.O., et. al. "Individualized Continuing Medical Education Learning Opportunities: A Critical Role for the Community Hospital." Postgrad. Med. (February, 1980), 67 (2): 209-11.

Werkman, S.L. "An Opportunity to Stimulate Self-Evaluation and Learning." Am. J. Psychiatry (February, 1976), 133 (2): 215-6.

III. Visual Communication, including television, videotape, teleconference

Bakula, J.G. "Closet Television." Tex. Med. (June, 1976), 72 (6): 48-51.

Barlow, D.J., et. al. "Role Plays in Television - A New Teaching Technique." Nurs. Outlook (April, 1973), 21:242-4.

Brantz, M.H. "Health Center Streamlines Use of Audiovisual Aids: Standardization Can Contain Cost and Ensure Efficient Use of Equipment." Hospitals (September 1, 1978), 52 (17): 81-4.

Brown, Richard. Extension Services: TV Instruction and Research. Virginia Commission On Higher Education. Richmond, 1965.

Burdick, R.S. "The Challenge and Opportunity Provided by Video Tape in Medical Education." Ala. J. Med. Sci. (April, 1970), 7:203-7. This entire issue is devoted to audiovisuals. See also Ruth M. Davis, "Can audiovisuals Satisfy the Demand for Individualized Continuing Education?"

"Communication Through Audiovisual Materials." Bureau of Audio Visual Services. J. Am. Dent. Assoc. (June, 1974), 88: 1307-9.

Davis, D.L. "Teleconference Systems Expand Continuing Education Possibilities." AORN J. (September, 1978), 28 (3): 377-8, 380.

Domoto, P.K., et. al. "A Pilot Study Using Remote Broadcasting Equipment to Provide Instruction in Pedodontics." J. Dent.Educ. (October, 1979), 43 (11): 599-601.

DiBiaggio, J.A. "PANMED: A Multidisciplinary Approach to Televised Continuing Education for Health Professionals." J. Am. Dent Assoc. (January, 1971), 82:151-3.

Driver, S.C.. et. al. "A Comparison of Three Methods of Using Television for the Continuing Medical Education of General Practioners." Br. J. Med. Educ. (September, 1972), 6:246-52.

Fahns, I.J., et. al. "Continuing Medical Education and Educational Television: An Evaluation of a Series for Physicians in Minnesota." J. Med. Educ. (August, 1970), 45:578-87.

Filer, L.J., et. al. "Multi-Media Education About Infant Nutrition for Physicians." J. Am. Diet. Assoc. (April, 1978), 72 (4): 404-6.

Gaynor, H.M. "Updating Continuing Education with Closed Circuit Television." J. Dent. Educ. (February, 1977), 41 (2): 92-3.

Gilliland, I. "Postgraduate Medical Television at London University." Med. Biol. Illus. (August, 1974), 24 (3): 123-7.

Gillings, B.R. "The Use of Closed Circuit Television in Teaching of Dental Technology." Aust. Dent. J. (June, 1976), 21 (3): 242-6.

Hallman, B.L. "Continuing Medical Education by T.V. Broadcasts and Videocassettes: The Emory Program." J. Med. Assoc. Ga. (November, 1977), 66 (11): 871-2.

Hozid, J.L., et. al. "New England Dental Reports: Continuing Dental Education on Open Circuit Television." J. Am. Dent. Assoc. (September, 1972), 85:645-8.

Guest-Lee S. "Television in Medicine, Part 1: Choosing a Television System." J. Audiov. Media Med. (April, 1979), 2 (2):64-6.

Leveridge, L.L "Visual Communications and Continuing Medical Education." J. Biocommun. (November, 1974), 1 (2): 23-9.

McCloy, J. "Broadcast Television and Medical Education." Practitioner (July, 1971), 207:99-100.

Marguis, J.S. "Two-Way Closed Circuit Television Offers Educational Programs." Hospitals (May, 1975), 49 (10): 82-9.

Marshall, C.L., et. al. "Improving the Use of Television in Continuing Education." J. Med. Educ. (November, 1976), 51 (11): 945-6.

Meyrick, R.L. "Open Broadcast Television in Medical Education." Br. J. Dermatol. (October, 1970), 83:498-503.

Neu, H.C. and Howrey, S.P. "Testing the Physician's Knowledge of Antibiotic Use: Self-Assessment and Learning Via Videotape." N. Engl. J. Med. (December 18, 1975), 293 (25): 1291-5.

Norkin, C.C. (Letter) "Examination by Videotape." Phys. Ther. (March, 1979), 59 (3): 305-6.

O'Connell, W.K. "Stardate I: Continuing Education Via Communications Satellite." J. Am. Diet. Assoc. (September, 1978), 73 (3): 270-2.

O'Connor, R.F. "T.V. Viewing in Radiotherapy and Continuing Education." J. Maine Med. Assoc. (August, 1970), 61:158-60.

Petit, E., et. al. "Televised Dental Continuing Education: Results of a Western New York Survey." NY State Dent. J. (October, 1971), 37: 490-3.

Sanborn, D.E., et. al. "Continuing Education for Nurses Via Interactive Closed-Circuit Television: A Pilot Study." Nurs. Res. September- October, 1973), 22: 448-51.

Sharp, D.R. "Medical Television in the University in London: Channel 7 and Beyond." Med. Biol. Illus. (November, 1976), 26 (4): 235-7.

Showalter, R.G. "Purdue Interactive Television Colloquium Series." ASHA (September, 1976), 18 (9): 566-71.

Spears, M.C., et. al. "Telelectures vs. Workshops in Continuing Professional Education." J. Am. Diet. Assoc. (September, 1973), 63: 239-47.

Sturgeon, D.A. "Videotapes in Psychiatry: Their Use in Teaching Observation Techniques." Med. Educ. (May, 1979), 13 (3): 204-8.

"Teleconferences: A New Idea in Continuing Education." Tex. Med. (September, 1975), 71 (9): 104-6.

"Television to Play Large Role in Continuing Education of Physicians." J. Med. Assoc. State Ala. (July, 1973), 43:16, 20

Watkins, F.H., et. al. "South Dakota Continuing Dental Education Using Open Circuit Television: Two Year Report." J. Am. Dent. Assoc. (May, 1973), 86:988-94.

Wilson, J.S. "Bridging the Gap in Communication Among Nurses: Use of the Teleconference." J.N.E. (September, 1979), 18 (7):13-5.

IV. Telephone

Klapper, M.S. "The Telephone and Continuing Medical Education." Ala. J. Med. Sci. (January, 1971), 8:44-9.

Parker, L.A., et. al. Continuing Education by Telephone: A Party Line for Professionals." Hospitals (November, 16, 1977), 51 (22): 105-6, 108, 110-12.

Punwar, A. "The Telephone - Radio Conference: A Method of Continuing Education for Health Professionals." Am. J. Occup. Ther. (November-December, 1972), 26:410-4.

V. Computer

Born, D.O. "An Information Systems Approach to Monitoring Dental Education Activity." J. Dent. Educ. (September, 1974), 38:491-3.

Bowen, M. "On-Line Literature Retrieval as a Continuing Medical Education Course." Bull. Med. Libr. Assoc. (July, 1977), 65 (3): 384-6.

Brandt, E.N., Jr. "Role of the Computer in Continuing Medical Education." Tex. Med. (January, 1974), 70:43-8.

d'Ivernois, J.F., et. al. "Computer Assisted Instruction for Retraining Family Doctors in Hypertension and Hyperlipoproteinemia." Med. Educ. (September, 1979), 13 (5): 356-8.

Goldstein, W.B. (Editorial). "Information Retrieval: One Successful Method for Continuing Medical Education." Am. J. Roentgenol. Radium Ther. Nucl. Med. (April, 1975), 123 (4): 851-2.

Hoffer, E.D. "Computer-Aided Instruction in Community Hospital Emergency Departments: A Pilot Project." J. Med. Educ. (January, 1975), 50 (1): 84-6.

Kassebaum, L., et. al. "Training and Continuing Education for On-Line Searching." Med. Inf. (London), (September, 1978), 3 (3): 165-75.

Kenny, G.N., et. al. "The Use of a Micro-Computer in Anaesthetic Teaching." Anaesthesia (June, 1979), 34 (6):583-5.

Kenny, G.N., et. al. "Computer Assisted Learning in the Teaching of Anaesthesia." Anaesthesia (February, 1979), 34 (2): 159-62.

King, J.A. "Computer Case Finding as an Aid in Surgical Review and Continuing Education in a Community Hospital." Conn. Med. (March, 1973), 37:113-8.

Lee, J. "Individualized Instruction and Continuing Education by Computer." J. Am. Optom Assoc. (April, 1979), 50 (4):441-2.

Lehrer, B.E., et. al. "Computer Based Information Management for Professionals Serving Handicapped Learners." Except. Child (May, 1978), 44 (8): 578-85.

Levine, D., et. al. "Let the Computer Teach It." Am. J. Nurs. (August, 1975), (8): 1300-2.

Reed, F.C., et. al. "Computer Assisted Instruction for Continuing Learning." Am. J. Nurs. (November, 1972), 72:2035-9.

Sparks, S.M. "AVLINE for Nursing Education andResearch." Nurs. Outlook (November, 1979), 27 (11): 733-7.

Steinkerchner, Raymond E., and Deignan, Gerard M. "Computer Assisted Instruction in Air Force Medical Training." ED 144573.

Victor, L.B., et. al. "The Computerized Clinical Laboratory Printout as a Clinician Continuing Education Tool." J. Tenn. Med. Assoc. (February, 1979), 72 (2): 105-7.

Winter, Joan M. "Computer Assisted Instruction in Continuing Education of Health Professionals." J. Allied. Health (Summer, 1978), 7 (3): 206-212.

VI. Library Audiovisual Services

Clintworth, W.A., et. al. "Continuing Education and Library Services for Physicians in Office Practice." Bull. Med. Libr. Assoc. (October, 1979), 67 (4): 353-8.

Garman, Louise W. "Media Library: A Program to Increase Hospital-Based Learning Opportunities for Physicians." (1975), ED101737.

Hedley, A.J., et. al. "The Clinical Slide Library: A Valuable Learning Resource in Continuing Medical Education." Med. Biol. Illus. (November, 1976), 26 (4): 203-7.

Norman, M. "Continuing Education within a Hospital Library MEDLINE Consortium." Bull. Med. Libr. Assoc. (April, 1979), 67 (2): 255-7.

Richards, R.K., et. al. "How The University of Michigan Media Library Can Help You Earn Continuing Medical Education Credits." Mich. Med. (April, 1976), 75 (4): 178-

Schindler, M.K., et. al. "Organizing Library Audiovisual Services to Support Continuing Education." Mt. Sinai Med. J. (NY), (July-August, 1979), 46 (4): 357-9.

Tittle, C.R., Jr. "The Dial Access Tape Library: A Method of Continuing Medical Education in Northwestern Ohio." Ohio State Med. J. (October, 1971), 67:871-4.

VII. Other, including audit, circuit courses, study clubs, two-way radio, etc.

Abernathy, C., et. al. "Nontraditional Education for Surgeons." Surg. Clin. North Am. (June, 1979), 59 (3): 527-31.

Allman, R.M. "The RPC: A Learning Set for Continuing in Radiology." Radiology (July, 1971). 100:189-92.

Ashbaugh, D.G., et. al. Continuing Medical Education: The Philosophy and Use of Audit." JAMA (September 27, 1979), 236 (13): 1485-8.

Barnes, R.H., et. al. "The Case for QALE: A Combined Quality Assurance Continuing Education Program." QRB (March, 1978), 4 (3): 16-9.

Bauer, J.C., et. al. "Dentists' Attitudes Toward Continuing Dental Education: Nontopic Forms of Demands." J. Dent. Educ. (1978), 42:623-6.

Boissoneau, R.A. "Home-Campus Study Program for Administrators." Hospitals (October 1, 1972), 46:67-8.

Brower, H. T. "The External Doctorate." Nurs. Outlook (September, 1979), 27 (9): 594-9.

Carozza, V., et. al. "An Experimental Educationally Sponsored Pilot Internship Program." JNE (November, 1978), 17 (9): 14-20.

Chrest, C.B., et. al. "Development of P.A.C.E. Approved Continuing Education Program for the Community Hospital." Am. J. Med. Technol. (August, 1978), 44 (8): 793-5.

Covell, D.G., et. al. "Telepede: A New Continuing Education for the Practitioner." Calif. Med. (March, 1973), 118:59-60.

Easterling, C.C. "Continuing Professional Education: An Adaptable Method for Radiologic Technology." Radiol. Technol. (May-June, 1978), 49 (6): 773-7.

Ehrmeyer, S.S., et. al. "Model Course for Retraining Inactive Medical Technologists." Am. J. Med. Technol. (October, 1979), 45 (10): 895-901.

Farmer, E.D. "The Delivery of Continuing Dental Education." Int. Dent. J. (December, 1974), 24 (4): 427-34.

Green, J.S., et. al. "A Systematic Approach to Continuing Education for Radiologic Technologists. Radiol. Technol. (March - April, 1977), 48 (5): 547-51.

Goldstein, F.J. "Continuing Education Via Cassette Tape: Pharmatapes." Am. J. Pharm. (July-August, 1972), 144:105-9.

Guthrie, M.B., et. al. "New Directions for State Hospitals as Continuing Education Resources for Mental Health Professionals." Hosp. Community Psychiatry (May, 1978), 29 (5): 325-6.

Hasler, J.B. "Continuing Optometric Education Crossroads." J. Am. Optom Assoc. (June, 1977), 48 (6): 771-4.

Hirsch, E.O. "Utilization Review as a Means of Continuing Education." Med. Care (April, 1974), 12:358-62.

"History, Objectives and Procedure of the MSV Continuing Medical Education Program." The Commission on Continuing Medical Education VA MED. (November, 1979), 106 (11): 783-6.

Howard, R.W. "Progress in Learning: A New 50 Hour CME Certificate." Ann.Ophthalmol. (February, 1979), 11 (2): 147.

Johnson, D. "Circuit Riders Keep Lab Workers Up To Date, Aid Reimbursement." Mod. Health Care (September, 1976), 6 (3): 53-4.

Jones, W.A. "The Study Club as a Means of Continuing Education." J. Can. Dent. Assoc. (December, 1976), 42 (12): 589-90, 598.

Keys, P.W., et. al. "Pharmacy Audit: An Aid to Continuing Education." Am. J. Hosp. Pharm. (January, 1976), 33 (1): 52-5.

Koewing, B.A., et. al. "Four Characteristics for Regional Continuing Education in Medical Allied Health." J. Allied Health (Fall, 1976), 5 (4): 31-40.

Linton, C.B. "Lifelong Education: One Health Care Institution's Approach." J. Allied Health (Spring, 1976), 5 (2): 36-41.

Martin, E. Davis, Jr. "Continuing Education and the Allied Health Care Practitioner: A Survey Study of Selected Allied Health Care Professions in Virginia. Virginia Commonwealth University/ Medical College of Virginia." 1976.

Milkie, G.M. "Optomertric Extension Program: An Established Model for Continuing Education." J. Am. Optom. Assoc. (June, 1978), 49 (6): 617-22.

Musio, Joseph, et. al. "Audio-Tutorial Project: An Audio-Tutorial Approach to Human Anatomy and Physiology." (1974), ED 097911.

Nelson, S.W. (Editorial). "The Categorical Refresher Course: An Innovation in Refresher Course Planning." Am. J. Roentgenol. Ther. Nucl. Med. (July, 1975), 124 (3): 485-6.

Nelson, S.W. (Editorial). "Refresher Course Innovation: An Explanation." Radiology (November, 1974), 113 (2): 481-2.

Peter, M. "A Guide to Short In-Service Courses." Spec. Educ. Forward Trends (September, 1977), 4 (3): 15,22.

"Proposed Plan of Continuing Education for Certification Renewal." ASHA (September, 1977), 19 (9): 611-8.

Repicky, P.A., et. al. "Basic Rehabilitation Nursing Techniques: A Cooperative Hospital/Medical School Model for Continuing Education." J. Allied Health (Winter, 1976), 5 (1): 26-34.

Rising, J.O., et. al. "Continuing Medical Education: An Evaluation of the Kansas Circuit Course for Physicians." J. Kans. Med. Soc. (March, 1977), 78 (3): 129-30.

Rodin, A.E., et. al. "The Pre-test as a Preinstructional Strategy in Continuing Medical Education." J. Med. Educ. (March, 1978), 53 (3): 208-9.

Rollo, J. "A New Approach to Learning: The Mobile Teaching Unit." Nurs. Times (September 9, 1976), 72 (36): Suppl. 130-2,9.

Schoor, T.M. (Editorial). "Your Newest Avenue to CEU's." Am. J. Nurs. (March, 1977), 77 (3): 405.

Scott, L.K. et. al. "An Evaluation of the Effectiveness of Audio Cassettes for Continuing Medical Education." Med. Educ. (November, 1978), 12 (6): 427-30.

Shannon, M.C. "Trends in Pharmacy Continuing Education." PM (September- October, 1979), 151 (5): 206-8.

Stevens, Joyce, and Freeman, Patricia. "Development of a Health Occupations Continuing Education Center." (1976). ED136054.

Strehlow, M.S. "The Open University: Opportunities for Nurses." Nurs. Times. (September 9, 1976), 72 (36): 1383.

Thompson, M.A. "A Systematic Approach to Module Development." JNE (October, 1978), 17 (8): 20-6.

Van Stewart, A., et. al. Study of Continuing Education Programs in Selected Eastern Dental Schools." J. Dent. Educ. (February, 1977), 41 (2): 86-8.

Virginia Regional Medical Programs. Findings from a Survey of Virginia Hospital Continuing Education Programs. 1973.

White, C.H., et. al. "A Single Concept Approach to Continuing in Education in Remote Hospitals." J. Med. Educ. (June, 1971), 46: 548-51.

Wilhelm, I.J. "Two-Way Radio in Continuing Education Report of a Pilot Series of Programs, 1969." Phys. Ther. (February, 1971), 51:188-95, and (January, 1971), 51:50-3.